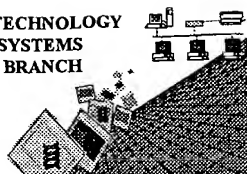


RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY
SYSTEMS
BRANCH



0590
0416

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/943,9440
Source: OIPE
Date Processed by STIC: 4/11/2003

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN ASSISTANCE: e-mail: robert.wax@uspto.gov Telephone: 703-306-4119

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/efc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
EFFECTIVE MAY 1, 2003 (via USPS): Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name,
Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two,
2011 South Clark Place, Arlington, VA 22202
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OIPE

RAW SEQUENCE LISTING

DATE: 05/01/2003

PATENT APPLICATION: US/09/943,944D

TIME: 14:34:13

Input Set : N:\Crf4\04112003\I934944D.raw

Output Set : N:\CRF4\05012003\I943944D.raw

1 <110> APPLICANT: Ptashne, et al.,
 2 <120> TITLE OF INVENTION: Transcriptional Activation System, Activators, and Uses
 3 Therefor
 4 <130> FILE REFERENCE: 0342941-0065
 C--> 5 <140> CURRENT APPLICATION NUMBER: US/09/943,944D
 6 <141> CURRENT FILING DATE: 2001-08-31
 7 <160> NUMBER OF SEQ ID NOS: 238
 8 <170> SOFTWARE: PatentIn Ver. 2.1
 10 <210> SEQ ID NO: 1
 11 <211> LENGTH: 11
 12 <212> TYPE: PRT
 13 <213> ORGANISM: Artificial Sequence
 14 <220> FEATURE:
 15 <223> OTHER INFORMATION: Description of Artificial Sequence: Random peptide
 16 sequences.
 17 <400> SEQUENCE: 1
 18 Trp Thr Asp Gln Thr Ala Tyr Asn Ala Phe Gly
 19 1 5 10
 21 <210> SEQ ID NO: 2
 22 <211> LENGTH: 18
 23 <212> TYPE: DNA
 24 <213> ORGANISM: Artificial Sequence
 25 <220> FEATURE:
 26 <221> NAME/KEY: misc_feature
 27 <222> LOCATION: (9)..(10)
 28 <223> OTHER INFORMATION: n = any amino acid
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 31 <222> LOCATION: (12)..(13)
 32 <223> OTHER INFORMATION: n = any amino acid
 33 <220> FEATURE:
 34 <223> OTHER INFORMATION: Description of Artificial Sequence: Random peptide
 35 sequences.
 36 <400> SEQUENCE: 2
 W--> 37 cccctctttnn cnnccctc
 39 <210> SEQ ID NO: 3
 40 <211> LENGTH: 18
 41 <212> TYPE: DNA
 42 <213> ORGANISM: Artificial Sequence
 43 <220> FEATURE:
 44 <223> OTHER INFORMATION: Description of Artificial Sequence: Random peptide
 45 sequences.
 46 <400> SEQUENCE: 3

see pp 1-6

Per Sequence Rules,
 'n' can only represent a single
nucleotide

This
 Sequence is
 not a
 peptide
 Sequence

This
 Sequence
 is not a
 peptide
 Sequence

RAW SEQUENCE LISTING

DATE: 05/01/2003

PATENT APPLICATION: US/09/943,944D

TIME: 14:34:13

Input Set : N:\Crf4\04112003\I934944D.raw

Output Set : N:\CRF4\05012003\I943944D.raw

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47      attccgccac cgtatttc                               18
49 <210> SEQ ID NO: 4
50 <211> LENGTH: 6
51 <212> TYPE: PRT
52 <213> ORGANISM: Artificial Sequence
53 <220> FEATURE:
54 <223> OTHER INFORMATION: Description of Artificial Sequence:Random peptide
55      sequences.
56 <400> SEQUENCE: 4
57      Ile Pro Pro Pro Tyr Phe
58          1                      5
60 <210> SEQ ID NO: 5
61 <211> LENGTH: 18
62 <212> TYPE: DNA
63 <213> ORGANISM: Artificial Sequence
64 <220> FEATURE:
65 <223> OTHER INFORMATION: Description of Artificial Sequence:Random peptide
66      sequences
67 <400> SEQUENCE: 5
68      ctgcccggtt ctttcttc                               18
70 <210> SEQ ID NO: 6
71 <211> LENGTH: 6
72 <212> TYPE: PRT
73 <213> ORGANISM: Artificial Sequence
74 <220> FEATURE:
75 <223> OTHER INFORMATION: Description of Artificial Sequence:Random peptide
76      sequences.
77 <400> SEQUENCE: 6
78      Leu Pro Gly Cys Phe Phe
79          1                      5
81 <210> SEQ ID NO: 7
82 <211> LENGTH: 18
83 <212> TYPE: DNA
84 <213> ORGANISM: Artificial Sequence
85 <220> FEATURE:
86 <223> OTHER INFORMATION: Description of Artificial Sequence:Random peptide
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88 <400> SEQUENCE: 7
89      cagctccccc cctgggta                               18
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92 <211> LENGTH: 6
93 <212> TYPE: PRT
94 <213> ORGANISM: Artificial Sequence
95 <220> FEATURE:
96 <223> OTHER INFORMATION: Description of Artificial Sequence:Random peptide
97      sequences.
98 <400> SEQUENCE: 8
99      Gln Leu Pro Pro Trp Leu
100         1                      5

```

this is not a peptide Sequence.

not a peptide Sequence

RAW SEQUENCE LISTING

DATE: 05/01/2003

PATENT APPLICATION: US/09/943,944D

TIME: 14:34:13

Input Set : N:\Crf4\04112003\I934944D.raw

Output Set : N:\CRF4\05012003\I943944D.raw

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104 <212> TYPE: DNA
105 <213> ORGANISM: Artificial Sequence
106 <220> FEATURE:
107 <223> OTHER INFORMATION: Description of Artificial Sequence: Random peptide
108 sequences.
109 <400> SEQUENCE: 9
110 tactggccct ccccttc 18
112 <210> SEQ ID NO: 10
113 <211> LENGTH: 6
114 <212> TYPE: PRT
115 <213> ORGANISM: Artificial Sequence
116 <220> FEATURE:
117 <223> OTHER INFORMATION: Description of Artificial Sequence: Random peptide
118 sequences.
119 <400> SEQUENCE: 10
120 Tyr Trp Pro Ser Pro Phe
121 1 5
123 <210> SEQ ID NO: 11
124 <211> LENGTH: 18
125 <212> TYPE: DNA
126 <213> ORGANISM: Artificial Sequence
127 <220> FEATURE:
128 <223> OTHER INFORMATION: Description of Artificial Sequence: Random peptide
129 sequences.
130 <400> SEQUENCE: 11
131 gattccct atgacttg 18
133 <210> SEQ ID NO: 12
134 <211> LENGTH: 6
135 <212> TYPE: PRT
136 <213> ORGANISM: Artificial Sequence
137 <220> FEATURE:
138 <223> OTHER INFORMATION: Description of Artificial Sequence: Random peptide
139 sequences.
140 <400> SEQUENCE: 12
141 Glu Phe Pro Tyr Asp Leu
142 1 5
144 <210> SEQ ID NO: 13
145 <211> LENGTH: 18
146 <212> TYPE: DNA
147 <213> ORGANISM: Artificial Sequence
148 <220> FEATURE:
149 <223> OTHER INFORMATION: Description of Artificial Sequence: Random peptide
150 sequences.
151 <400> SEQUENCE: 13
152 accgccgaat tcccctc 18
154 <210> SEQ ID NO: 14
155 <211> LENGTH: 6

*not a peptide Sequence**not a peptide Sequence**not a peptide Sequence*

RAW SEQUENCE LISTING

DATE: 05/01/2003

PATENT APPLICATION: US/09/943,944D

TIME: 14:34:13

Input Set : N:\Crf4\04112003\I934944D.raw

Output Set: N:\CRF4\05012003\I943944D.raw

156 <212> TYPE: PRT
157 <213> ORGANISM: Artificial Sequence
158 <220> FEATURE:
159 <223> OTHER INFORMATION: Description of Artificial Sequence:Random peptide
160 sequences.
161 <400> SEQUENCE: 14
162 Thr Ala Glu Phe Pro Leu
163 1 5
165 <210> SEQ ID NO: 15
166 <211> LENGTH: 18
167 <212> TYPE: DNA
168 <213> ORGANISM: Artificial Sequence
169 <220> FEATURE:
170 <223> OTHER INFORMATION: Description of Artificial Sequence: Random peptide
171 sequences.
172 <400> SEQUENCE: 15
173 caatttctag acgcactt 18
175 <210> SEQ ID NO: 16
176 <211> LENGTH: 6
177 <212> TYPE: PRT
178 <213> ORGANISM: Artificial Sequence
179 <220> FEATURE:
180 <223> OTHER INFORMATION: Description of Artificial Sequence:Random peptide
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182 <400> SEQUENCE: 16
183 Gln Phe Leu Asp Ala Leu
184 1 5
186 <210> SEQ ID NO: 17
187 <211> LENGTH: 18
188 <212> TYPE: DNA
189 <213> ORGANISM: Artificial Sequence
190 <220> FEATURE:
191 <223> OTHER INFORMATION: Description of Artificial Sequence: Random peptide
192 sequences.
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194 acattccctg accccttc 18
196 <210> SEQ ID NO: 18
197 <211> LENGTH: 6
198 <212> TYPE: PRT
199 <213> ORGANISM: Artificial Sequence
200 <220> FEATURE:
201 <223> OTHER INFORMATION: Description of Artificial Sequence:Random peptide
202 sequences.
203 <400> SEQUENCE: 18
204 Thr Phe Pro Asp Pro Phe
205 1 5
207 <210> SEQ ID NO: 19
208 <211> LENGTH: 18
209 <212> TYPE: DNA

*this is not a peptide Sequence**not a peptide Sequence**P-5*

RAW SEQUENCE LISTING

DATE: 05/01/2003

PATENT APPLICATION: US/09/943,944D

TIME: 14:34:13

Input Set : N:\Crf4\04112003\I934944D.raw

Output Set : N:\CRF4\05012003\I943944D.raw

210 <213> ORGANISM: Artificial Sequence
 211 <220> FEATURE:
 212 <221> NAME/KEY: misc_feature
 213 <222> LOCATION: (10)
 214 <223> OTHER INFORMATION: n = any amino acid
 215 <220> FEATURE:
 216 <221> NAME/KEY: misc_feature
 217 <222> LOCATION: (12)
 218 <223> OTHER INFORMATION: n = any amino acid
 219 <220> FEATURE:
 220 <223> OTHER INFORMATION: Description of Artificial Sequence: Random peptide
 221 sequences.
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 225 <210> SEQ ID NO: 20
 226 <211> LENGTH: 18
 227 <212> TYPE: DNA
 228 <213> ORGANISM: Artificial Sequence
 229 <220> FEATURE:
 230 <223> OTHER INFORMATION: Description of Artificial Sequence: Random peptide
 231 sequences.
 232 <400> SEQUENCE: 20
 233 ttggattttt cctacgtc 18
 235 <210> SEQ ID NO: 21
 236 <211> LENGTH: 6
 237 <212> TYPE: PRT
 238 <213> ORGANISM: Artificial Sequence
 239 <220> FEATURE:
 240 <223> OTHER INFORMATION: Description of Artificial Sequence: Random peptide
 241 sequences.
 242 <400> SEQUENCE: 21
 243 Leu Asp Phe Ser Tyr Val
 244 1 5
 246 <210> SEQ ID NO: 22
 247 <211> LENGTH: 18
 248 <212> TYPE: DNA
 249 <213> ORGANISM: Artificial Sequence
 250 <220> FEATURE:
 251 <223> OTHER INFORMATION: Description of Artificial Sequence: Random peptide
 252 sequences
 253 <400> SEQUENCE: 22
 254 ccccaccac cctggccc 18
 256 <210> SEQ ID NO: 23
 257 <211> LENGTH: 6
 258 <212> TYPE: PRT
 259 <213> ORGANISM: Artificial Sequence
 260 <220> FEATURE:
 261 <223> OTHER INFORMATION: Description of Artificial Sequence: Random peptide
 262 sequences.

↓ Please correct
this type of error
in subsequent

"n" can only represent a single
nucleotide

not a peptide sequence

not a peptide sequence

not a peptides sequence

Please
Correct
this type
of error
in subsequent
sequences.

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 05/01/2003
PATENT APPLICATION: US/09/943,944D TIME: 14:34:14

Input Set : N:\Crf4\04112003\I934944D.raw
Output Set: N:\CRF4\05012003\I943944D.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; N Pos. 9,10,12,13
Seq#:19; N Pos. 10,12
Seq#:112; N Pos. 12
Seq#:116; N Pos. 1,2,3,11,12,14
Seq#:117; N Pos. 9
Seq#:204; N Pos. 3,18
Seq#:222; N Pos. 10

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 2

VERIFICATION SUMMARY

DATE: 05/01/2003

PATENT APPLICATION: US/09/943,944D

TIME: 14:34:14

Input Set : N:\Crf4\04112003\I934944D.raw

Output Set: N:\CRF4\05012003\I943944D.raw

L:5 M:270 C: Current Application Number differs, Replaced Current Application Number
L:37 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:223 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0
L:1202 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:112 after pos.:0
L:1256 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:116 after pos.:0
L:1270 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:117 after pos.:0
L:2192 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:204 after pos.:0
L:2385 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:222 after pos.:0



Creation date: 10-14-2003
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Dossier: 09943944

Legal Date: 09-27-2002

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|-----|---------|-----------------|
| 1 | SEQLIST | 48 |

Total number of pages: 48

Remarks:

Order of re-scan issued on